



Laser Diode Rod

Laser rods are cylindrical (mostly crystalline) rods doped with laser-active ions. They are used in lamp-pumped and diode-pumped lasers.

Rod lasers are solid-state lasers with a rod-shaped gain medium, which may be end-pumped or side-pumped.

These rods are of the highest optical quality, and are high damage resistant A/R coated for use at 1064 nm. Systems designers may select from several levels of dopant concentrations and rod or slab ...

Available in a wide variety of lengths and diameters to meet laser manufacturer's demanding performance requirements. You can rely on New Source for your high volume manufacturing needs ...

Discover the key parameters, materials, and applications of laser rods in industrial, medical, and research fields. Learn how these cylindrical laser crystals and glasses enhance performance and ...

Laser diode bars are well suited for pumping solid state lasers for industrial, additive manufacturing and scientific applications. Diode bars are available unmounted and mounted on coolers using our ...

Many solid-state lasers utilize rod-shaped doped laser crystals as the gain medium. These rod lasers can be either end-pumped or side-pumped, with cooling mechanisms in place to manage heat ...

Our laser rods are of the highest quality available with standard high ...

Our laser rods are of the highest quality available with standard high damage threshold coatings and premium wavefront distortion specifications.

Manufacturer of laser diode system components for medical, industrial, and scientific applications. Products include pocket cells, cavities crystals, laserrods, diode drivers, laser diodes, power ...

We provide a wide variety of laser components including optics, laser rod assemblies, gold cavity reflectors, laser lamps, diode laser heads, and many other laser related items.

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